

Attorney Docket No.: 18396/2112

USSN: 10/010,873

Filed: December 7, 2001

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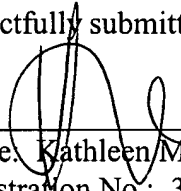
Remarks

Applicants submit that the substitute Figure 5 is submitted herewith to correct an obvious sequencing error in SEQ ID No. 2 (the UNC-38 sequence). Amino acid at position 35 of SEQ ID No. 2 should be a methionine (Met) instead of an asparagine (Asn). Applicants submit that the sequencing error is an obvious error which one skilled in the art would not only recognize the existence of the error in the specification, but also recognize the appropriate correction. For example, the correct sequence was disclosed in Fleming et al. (1997, J. Neurosci. 17:5843-5857, Exhibit A), a reference recited in the specification (e.g., on page 2, first paragraph). In Figure 2 of Flemming et al., amino acid at position 12 of UNC-38 corresponds to amino acid position 35 of SEQ ID No. 2 (UNC-38) in Figure 5 of the instant application. Thus, the amendment is proper and does not constitute new matter pursuant to MPEP2163.

Transmitted herewith is a copy of the "Sequence Listing" (sheets 1 through 7) in paper form for the above-identified patent application as required by 37 C.F.R. §1.821(c) and a copy of the Sequence Listing in computer readable form as required by 37 C.F.R. §1.821(e). As required by 37 C.F.R. §1.821(f), Applicant's Attorney hereby states that the content of the "Sequence Listing" in paper form and the computer readable form of the "Sequence Listing" are the same and, as required by 37 C.F.R. §1.821(g), also states that the submission includes no new matter.

Respectfully submitted,

Date: September 23, 2004


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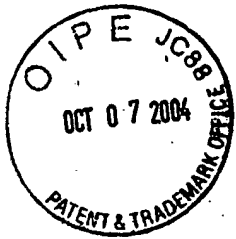
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Please replace the originally filed Figure 5 with the substitute Figure 5 submitted herewith.



UNC-63:MGPN-----DIGFAYITIFLILSPPPHANNRDN-RIFEDIIADYNKIVREISENGE--TLVUTFKKTSQQLDVMETNOIMTAVVWLOHISW
UNC-38:KRSF-----LFLLLLFCISFKLCEGNEHAK-RIXDDNVNRRHREESTSPNKPTIKLAKRISQQLDVMETNOIMTAVVWLOHISW
LEV-1:MLGGGGCCGAGGTALGFLVFIASVIRNHSCECEDIEDRMVDIFRGINSIQEJNRSS--PLIYMAHQQVULINUDEDOCVWITVWITLOW
UNC-29:KRTN-----RLSNI-LVLSVVIPIVVIININASDEERLAVOVFRGANSIQEJNRSS--PLIYMAHQQVULINUDEDOCVWITVWITLOW

UNC-63:IMVDPVLYNNADENYQJTIITKAKLTYNGTVEAPPAIKS-CQIDVFEFEPEDROCCEMKFCBWTGGLEVDIQRDKIILEKEIEEEDVEGVGPT
UNC-38:IMVDPVLYNNADENYQJTIITKAKLTYNGTVEAPPAIKS-CQIDVFEFEPEDROCCEMKFCBWTGGLEVDIQRDKIILEKEIEEEDVEGVGPT
LEV-1:VMDPDEVLYNNADENYQJTIITKAKLTYNGTVEAPPAIKS-CQIDVFEFEPEDROCCEMKFCBWTGGLEVDIQRDKIILEKEIEEEDVEGVGPT
UNC-29:VMDPDEVLYNNADENYQJTIITKAKLTYNGTVEAPPAIKS-CQIDVFEFEPEDROCCEMKFCBWTGGLEVDIQRDKIILEKEIEEEDVEGVGPT

UNC-63:LNVEGKRHSXYP-CC-ESPFIIDITYEIHILRRKASFTVNLIFPSVGISFTALVFEFEPEDROCCEMKFCBWTGGLEVDIQRDKIILEKEIEEEDVEGVGPT
UNC-38:MSRVKRRANYPSCCPOSAYIDVTYYLOLRHPLFTVNLIFPSVGISFTALVFEFEPEDROCCEMKFCBWTGGLEVDIQRDKIILEKEIEEEDVEGVGPT
LEV-1:MDGVALTSDSR-----EFQIRIRRRKASFTVNLIFPSVGISFTALVFEFEPEDROCCEMKFCBWTGGLEVDIQRDKIILEKEIEEEDVEGVGPT
UNC-29:IDVPLSLVNRKSR-----EFQVRIERRKASFTVNLIFPSVGISFTALVFEFEPEDROCCEMKFCBWTGGLEVDIQRDKIILEKEIEEEDVEGVGPT

UNC-63:VHYRSPITITVPRKMKRIEVDLEPXYLLMTRPQPPGHIHSKPNRKF-----DSRSTFSIG--VNMVIGQNSE--LLSPGINSNREESFTLPRDNSP
UNC-38:VHYRSPITITVPRKMKRIEVDLEPXYLLMTRPQPPGHIHSKPNRKF-----DSRSTFSIG--VNMVIGQNSE--LLSPGINSNREESFTLPRDNSP
LEV-1:VHYRSPITITVPRKMKRIEVDLEPXYLLMTRPQPPGHIHSKPNRKF-----DSRSTFSIG--VNMVIGQNSE--LLSPGINSNREESFTLPRDNSP
UNC-29:VHYRSPITITVPRKMKRIEVDLEPXYLLMTRPQPPGHIHSKPNRKF-----DSRSTFSIG--VNMVIGQNSE--LLSPGINSNREESFTLPRDNSP

UNC-63:VIEDMKYISVMDRISITITVPRKMKRIEVDLEPXYLLMTRPQPPGHIHSKPNRKF-----DSRSTFSIG--VNMVIGQNSE--LLSPGINSNREESFTLPRDNSP
UNC-38:VIEDMKYISVMDRISITITVPRKMKRIEVDLEPXYLLMTRPQPPGHIHSKPNRKF-----DSRSTFSIG--VNMVIGQNSE--LLSPGINSNREESFTLPRDNSP
LEV-1:VIEDMKYISVMDRISITITVPRKMKRIEVDLEPXYLLMTRPQPPGHIHSKPNRKF-----DSRSTFSIG--VNMVIGQNSE--LLSPGINSNREESFTLPRDNSP
UNC-29:VIEDMKYISVMDRISITITVPRKMKRIEVDLEPXYLLMTRPQPPGHIHSKPNRKF-----DSRSTFSIG--VNMVIGQNSE--LLSPGINSNREESFTLPRDNSP

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